

HF Happenings 729

South African Radio League * Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union since 1925

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You can now download your copy of HF Happenings from
www.sarl.org.za/hf_happenings.asp

November

- 1 to 4 - Delmas Christmas Market
- 2 to 3 - Christmas Country Fair, Ballito
- 4 to 6 - Cape Classic 380, Montagu
- 5 - RaDAR Challenge**; Elim Wine Festival, Overberg; Fanschhoek Craft Festival; Pure Boland Mark, Worcester; Winterton Street Festival; Irene Market; **Pretoria Amateur Radio Club Flea Market**
- 6 - PEARS HF Contest**
- 11 - Armistice Day**
- 11 to 13 - Knysna Timber Festival
- 13 - SARL Youth Net**
- 16 to 18 - GWK Cherry Festival, Ficksburg
- 17 to 19 - Sandstone Steam Cherry Festival
- 19 - Antique Wireless Association AGM & Swopmeet**
- 25 - Closing date for December Radio ZS articles**
- 26 - West Rand Flea market**
- 26 and 27 - CQ WW CW Contest

December

- 1 - Start of "Youth on the Air" Month

IARU Region 1 Monitoring Service Reports an Apparent Success

The International Amateur Radio Union Region 1 (IARU-R1) Monitoring System (IARUMS) reports that the Russian military apparently responded positively to a complaint from German telecommunications authorities to eliminate an intruding signal on 20 metres. The Russian Navy "RDL" signal from Crimea had been transmitting on 14,180 MHz, using F1B at 50 baud and 200 Hz shift for several days. IARUMS said the transmissions were heard for the last time on 31 October.

German telecommunication authorities have, so far, had less success in quelling the intrusion of Radio Eritrea (Voice of the Broad Masses) on 7,185 MHz, which Ethiopia is said to be jamming with broadband white noise. So far, Germany has filed two official complaints. IARUMS reports that 7,146.5 MHz and 7,175 MHz are still in use by Radio Eritrea. The jamming signal reported by the IARUMS is 20 kHz wide on each channel. The on-air conflict has been going on for years, and the interfering signals can be heard in North America after dark.

IARUMS Coordinator Wolf Hadel, DK2OM, said the Russian Over-the-Horizon radar (OTH) "Konteyner RLS" remains a problem on 40 and 20 metres, with lengthy transmissions, often with many spurious emissions. Hadel said the radar's transmissions interfered with participants in the Worked All Germany Contest in mid-October.

One apparently frustrated radio amateur in Germany "tried again to chase away Russian MIL FSK traffic on 80 and 40 metres by transmitting dashes on the mark or space frequency," the latest IARUMS newsletter reported. Hadel cautioned that such actions, even when aimed at intruding signals, are illegal. German telecommunications authorities were alerted. IARUMS also reported someone was transmitting empty Stanag 4285 mode signals on 7 MHz, hunting and QRMing German contesters on 29 October. That signal was

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also believed to be originating in Germany. The Stanag 4285 modem is used for HF radio links between the NATO military bases.

IARUMS also reported an OTH radio on 10 metres, transmitting daily on 28,960 MHz covering about 50 kHz "with many spurious emissions." Strong F2 propagation has also made Brazilian CBers audible on 10 metres, running AM between 28,000 and 28,325 MHz.

Holyland Christianity on the Air – HCOTA

The Israel Amateur Radio Club (IARC) presents its new Holyland Christianity On The Air (HCOTA) award programme. Objectives are amateur radio operations from a number of locations with strong ties to Christianity. The activity starts during this year's Christmas period with 4 special event stations - 4X2XMAS, 4X3XMAS, 4X7XMAS and 4X9XMAS).

Israel, 4X07. The UNESCO World Heritage Committee has declared the caves of Beit Guvrin to be a World Heritage Site. The caves are on the list of confirmed WFF Israel National Parks Award - 4XFF-007. There is a very long and interesting history on this site www.bibleplaces.com/bethguvrin. It will be the first time operation from this location. The scheduled dates for the operation are 07:00 UTC Friday 23 December and Saturday 24 December, until noontime. Operators mentioned are from the Holyland DX Group - Shalom, 4Z4BS, Mark, 4Z4KX, Ruben, 4Z5FI, Yulik, 4X6HP, Ros, 4Z5LA, Vlad, 4Z5IW, Arthur, 4X4DZ and Jan, 4X1VF. They will be running two stations CW and SSB on the WFF frequencies using the call sign, 4X07W (Holy land Square G19JS). QSL cards will be handled by Ros, 4Z5LA.

DXCC News

Recently approved for DXCC credit operations include 9Q6BB (Democratic Republic of the Congo, current activity), E44QX (Palestine, 2015/16) and T31T (Central Kiribati, 2016).

Sunspot cycle plunges to lowest level in 5 years

Sunspot counts have reached their lowest level in 5 years, a clear sign that Solar Minimum is approaching. Contrary to popular belief, Solar Minimum is neither dull nor uneventful. Instead, space weather changes in interesting ways.

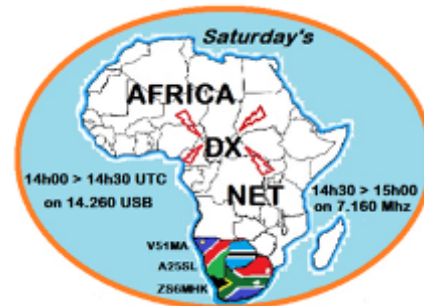
Today's edition of Spaceweather.com lists some of the changes we can expect, including one that is happening right now: a measurable increase in atmospheric cosmic rays. Check it out at <http://spaceweather.us11.list-manage.com/track/click?u=0c5fce34d5ca05f64a13d085d&id=f592752b6e&e=f98eeb7cd6>

African DX

Central African Republic, TL. Ken, LA7GIA, is now active as TL8AO from Bangui until 22 November. Activity will be on 80 to 15 metres (possibly 10 m as well, no 160 m) using mainly CW (SSB on 20/15 m). He states on his Web page the following:

- * TL8AO is primarily a Single-Op DXpedition.
- * The QSO target is 15,000 Qs -- in 10 full days
- * His goal is to generate as many donations as possible where 100% of donations received will be given to the DWOB (Doctors With-Out Borders).
- * First ALL donations are voluntary - there is no expectation that you donate. See his Web for more details.
- * He likes to keep the DXpedition and the Humanitarian fund-raising as two separate issues. He tries to generate donations to the humanitarian fund-raising only. BUT, he still encourages the DXers to work him on as many band slots and modes as possible.

The complete log will be uploaded to LoTW the same day he returns from TL. The log will also be on ClubLog. OQRS to be activated, and QSL Manager is Charles, MOOXO. Look for more details/updates on his Web page at <http://www.la7gia.com>



3 – International Day for Disabled Persons

3 and 4 - UK/EI DX SSB Contest

4 - SARL Digital Contest

7 - all schools close

10 - International Human Rights Day

10 and 11 - ARRL 10 m Contest

11 - SARL Youth Net

16 - Day of Reconciliation

21 - Summer Solstice

25 - Christmas Day; Channukah (1st Day)

26 - Family Day

31 - Old Year's Eve; End of 2016 CQ Marathon and YOTA month

Marconi: The Man Who Networked the World

CBC radio podcast about Guglielmo Marconi who on 2 July 1897, at the age of 23, was granted a UK patent for 'improvements in transmitting electrical impulses and signals and in apparatus therefor.'

Our phones, our laptops, even our cars communicate invisibly through the air. Our wireless world owes thanks to an Italian teenager who went on to win the Nobel Prize. McGill professor Marc Raboy has just published a major biography of Marconi and he takes IDEAS producer David Gutnick on a tour of Marconi's influences in Montreal.

Listen to the show at www.cbc.ca/radio/ideas/marconi-the-man-who-networked-the-world-1.3845164

CBC The Best of Ideas podcasts <http://www.cbc.ca/radio/podcasts/documentaries/the-best-of-ideas/>

Latest edition of The 5 MHz Newsletter - No 17, Summer/Autumn 2016 - now available

Hi all,

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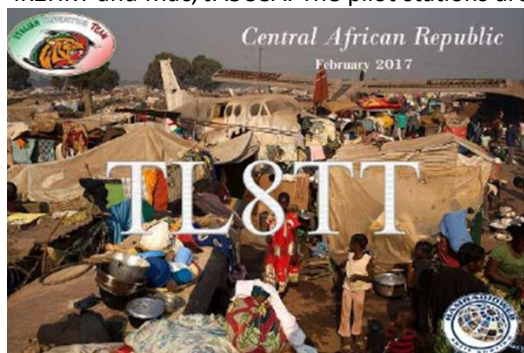
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Nigeria, 5N. Tom, PA3TG, will once again be active as 5N/PA3TG from Lagos between 15 and 24 November. Activity will be on 20 meters CW/SSB and 30 meters CW mainly in the evening hours. QSL via his home call sign, direct or by the Bureau.

Ghana, 9G. Dave, AB0GC, reported this past that he is in Wechi (Brong-Ahafo Region), Ghana and will be operating as 9G1SD. He states, "I previously operated in Ghana in 1980 - 1982, and from 1993 - 1994." His activity will not start until late 2016. QSL via AB0GC, but it may be sometime before you get any QSLs. He is checking into eQSL.

Democratic Republic of Congo, 9Q. Christian, IS0BWM, is going to spend a month in Kenge between 20 November and 25 December. He will be active as 9Q0HQ, 3 on HF (SSB only). QSL via IS0BWM (d), ClubLog.

Central African Republic, TL. Members of the Italian DXpedition Team will be active as TL8TT (not TL8T) from Central African Republic in February 2017. Operators are Alfeo, I1HJT, Silvano, I2YSB, Vinicio, IK2CIO, Angelo, IK2CKR, Marcello, IK2DIA, Stefano, IK2HKT and Mac, JA3USA. The pilot stations are Art/IK7JWY (HF) and Sergio/IK0FTA (6



m). Activity will be on 160-10 metres using CW, SSB and the Digital modes. QSL via I2YSB, direct or the OQRS on their Web page at www.i2ysb.com/idt. A TL8TT needs/wants survey is available on the Web page also. Logs will be posted on LoTW about 6 months after the conclusion of the DXpedition. For news and forum, see www.hamradioweb.net



African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Tanzania, 5H. Yan, RZ3FW, Alexander, RW3RN, and Sergei, R4WAA, will be active from Zanzibar (AF-032) between 19 and 28 November as 5H1WW. Activity will be on 160 to 10 m (CW, some SSB and digital modes) and during the CQ WW DX CW Contest. QSL via RZ3FW, ClubLog OQRS.

Ascension Island, ZD8. Alan, K0AV, operates as ZD8V from Ascension Island (AF-003) between 21 November and 1 December. He will be active on 160 to 10 m with a K3, amplifier and vertical antennas. QSL via K0AV, ClubLog, LoTW.

Cape Verde, D4. Raul, EA2SS will be active holiday style as D44TBC from Ilha do Sal (AF-086), Cape Verde between 19 and 28 November. He will be active on 30 and 20 metres. QSL via bureau to home call, or eQSL.

Guinea-Bissau, J5. The Italian DXpedition Team announces that their expedition to Guinea-Bissau (J5T) has to be postponed into the second half of 2017.

The CQ WW DX CW Contest

The CQ WW DX CW Contest takes place for the entire 48 hours of the weekend of 26 and 27 November. It will undoubtedly keep the HF bands busy, although declining solar activity will probably mean patchy and short-lived propagation on 10 m. Using the 160 to 10 metre bands, the exchange is a signal report and CQ Zone, which for South Africa is 38.

The latest edition of *The 5 MHz Newsletter* – No 17, Summer/Autumn 2016 - is now available for free PDF download from the RSGB 5 MHz page at <http://rsgb.org/main/operating/band-plans/hf/5mhz/>

Wikipedia 60 Meter Band page 'External Links' section https://en.wikipedia.org/wiki/60-meter_band or directly from <http://tinyurl.com/jqh2y5l>

This edition features 5 MHz news from Portugal, Finland, Luxembourg, Latvia, Belarus, Andorra and South Africa, Exercise 'Blue Ham' and Two Important Reminders for UK 5 MHz operators.

Cheers, Paul Gaskell, G4MWO
Editor, the 5 MHz Newsletter

472 kHz QSO parties soon

If you're interested in 472 kHz, there are two QSO Parties on the horizon.

On 26 and 27 November it's QRSS and on the weekend of 3 and 4 December it's the turn of CW.

Starting with the sunset about 17:00 UTC, the organiser says that "we'll keep on QSOing until your eyes keep on closing"! [RSGB News]

World Radiosport Team Championship

The official rules for World Radiosport Team Championship 2018, to be held in Germany, are now available.

Noteworthy among the WRTC 2018 rules is permitting the use of spectrum or waterfall displays and a prohibition on the use of second or sub-receivers. It will continue the two-operator, two-transmitter format of the earlier WRTCs so both stations will be permitted to transmit at any time to maximise their scoring. In addition, only one computer is permitted to be attached to each radio and PCs used in the effort must connect via wired Ethernet.

See www.wrtc2018.de for full details of this event.



Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 7 to 14 November 2016

QRP Fox Hunt

02:00 - 03:30 UTC 16 November

Mode: CW

Bands: 40 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 17 November 2016

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: http://www.qrpfoxhunt.org/winter_rules.htm

Phone Fray

02:30 - 03:00 UTC 16 November

Mode: SSB

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 18 November 2016

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.perluma.com/>

[Phone Fray Contest Rules.pdf](#)

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 16 November and

03:00 - 04:00 UTC 17 November

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 19 November 2016

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.cwops.org/cwt.html>

NAQCC CW Sprint

01:30 - 03:30 UTC 17 November

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, state, province or country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province or country once

Key Type Mult: 2x if straight key, 1.5x if bug, 1x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 21 November 2016

Upload log at: <http://naqcc.info/sprintlog.html>

Mail logs to: John Shannon, K3WWP, 478 E. High St., Kittanning, PA 16201, USA

Find rules at: <http://naqcc.info/sprint/sprint201611.html>

NCCC RTTY Sprint

01:45 - 02:15 UTC 18 November

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 20 November 2016

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rtty.html>

QRP Fox Hunt

02:00 - 03:30 UTC 18 November

Mode: CW

Bands: 80 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST and state, province or country and name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 19 November 2016

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: http://www.qrpfoxhunt.org/winter_rules.htm

NCCC Sprint

02:30 - 03:00 UTC 18 November

Mode: CW

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 20 November 2016

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

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YO International PSK31 Contest

16:00 UTC-22:00 UTC 18 November

Mode: PSK31

Bands: 80 m Only

Classes: Single Op

Max power: 50 watts

Exchange: YO: RST, serial no and county; non-YO: RST, serial no and country

QSO Points: 2 points per QSO with YO station; 1 point per

QSO with non-YO station

Multipliers: Each YO county and each country

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 3 December 2016

E-mail logs to: pskyo@yo5crq.ro

Mail logs to: (none)

Find rules at: <http://www.yo5crq.ro/Rules2016EN.htm>

LZ DX Contest

12:00 UTC 19 November to 12:00 UTC 20 November

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band – mixed, CW or SSB - low or high;

Single Op All Band Mixed QRP; Single Op Single Band Mixed;

Multi-Single Mixed; SWL

Max power: HP: >100 watts; LP: 100 watts; QRP: 10 watts;

Non-QRP: >10 watts; QRP: 10 watts

Exchange: LZ: RS(T) and 2-letter district; non-LZ: RS(T) and ITU Zone no

Work stations: Once per band per mode

QSO Points: 10 points per QSO with LZ station; 3 points per

QSO with different continent; 1 point per QSO with same continent

Multipliers: LZ: Each ITU zone and each DXCC country once per band; non-LZ: Each ITU zone and each district once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 5 December 2016

E-mail logs to: lzdx@bfra.bg

Upload log at: <http://bfra.bg:8080/WebEditor/>

Mail logs to: BFRA, PO Box 830, 1000 Sofia, Bulgaria

Find rules at: <http://lzdx.bfra.org/rulesen.html>

All Austrian 160-Meter Contest

16:00 UTC 19 November to 07:00 UTC 20 November

Mode: CW

Bands: 160 m Only

Classes: Single Op; Multi-Single; SWL

Exchange: OE: RST, serial no and District Code; non-OE: RST and serial no

QSO Points: 1 point per QSO

Multipliers: Each district code and each DXCC/WAE country

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 December 2016

E-mail logs to: hf-contest@oevsv.at

Upload log at: <http://contestrobot.aoec160.m.oevsv.at>

Mail logs to: OEVS-V HQ, HF-Contest Manager, Eisvogelgasse 4/1, A-1060 Vienna, Austria

Find rules at: http://www.oevsv.at/export/shared/content/galleries/Downloads_Referate/HF-Referat-Downloads/Regeln_Aoec_160_m_2015.pdf

Feld Hell Sprint

17:00 UTC-18:59 UTC 19 November

Mode: Feld Hell

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: (none)

Max power: Standard: 100 watts; QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 23 November 2016

Upload log at: <https://sites.google.com/site/feldhellclub/>

Mail logs to: (none)

Find rules at: <https://sites.google.com/site/feldhellclub/Home/contests/sprints/turkey-hunt-sprint>

REF 160-Meter Contest

17:00 UTC 19 November to 01:00 UTC 20 November

Mode: CW

Bands: 160 m Only

Classes: Single Op; Multi-Op; SWL

Exchange: RST serial no and Department Code

QSO Points: 3 points per QSO

Multipliers: Each department code and each DXCC country

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 19 December 2016

E-mail logs to: ref160@ref-union.org

Mail logs to: (none)

Find rules at: http://concours.r-e-f.org/reglements/actuels/reg_ref160_fr_201603.pdf

RSGB 2nd 1,8 MHz CW Contest

19:00 - 23:00 UTC 19 November

Mode: CW

Bands: 160 m Only

Classes: Single Op – UK or Overseas – assisted or unassisted

Exchange: UK: RST, serial no and District Code; non-UK: RST and serial no

QSO Points: 2 points per QSO; 5 additional points for first QSO with each UK district; 5 additional points for first QSO with each country outside of UK

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 23:59 UTC 26 November 2016

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsgbcc.org/hf/rules/2016/r160m.shtml>

ARRL Sweepstakes SSB Contest

21:00 UTC 19 November to 03:00 UTC 21 November

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high; Single Op Unlimited - low or high; Multi-Single - low or high; School Club – College, Technical or Secondary

Max operating hours: 24 with at least 30 minute off times

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

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Exchange: Serial no, precedence (Q/A/B/U/M/S), your call sign, check and ARRL/RAC Section

Work stations: Once only

QSO Points: 2 points per QSO

Multipliers: Each ARRL/RAC section and VE NT once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 6 December 2016

E-mail logs to: SSPhone@arrl.org

Upload log at: <http://contest-log-submission.arrl.org>

Mail logs to: November SS Phone, ARRL, 225 Main St., Newington, CT 06111, USA

Find rules at: <http://www.arrl.org/sweepstakes>

Homebrew and Oldtime Equipment Party

13:00 - 15:00 UTC (40 m) and 15:00 - 17:00 UTC 20 November (80 m)

Mode: CW

Bands: 80, 40 m

Classes: A. Single Op LP, TX and RX: Homebrew or >30 years; B.

Single Op LP, TX or RX: Homebrew or >30 years; C. Single Op

QRP, Eqpt: Homebrew or >30 years; D. Single Op: Valved Eqpt

Marketed before 1965 or Homebrew

Max power: LP: 100 W; QRP: 5 W

Exchange: RST, serial no, "/" and class

QSO Points: (see rules)

Multipliers: (none)

Score Calculation: Total score = total QSO points

Next Week's Contests

SKCC Sprint, 00:00 - 02:00 UTC 23 November

Phone Fray, 02:30 - 03:00 UTC 23 November

CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00

UTC 23 November and 03:00 - 04:00 UTC 24 November

RSGB 80 m Club Sprint, CW, 20:00 - 21:00 UTC 24 November

Submit logs by: 21 December 2016

E-mail logs to: hot@grpcc.de

Mail logs to: Lutz Gutheil, DL1RNN, Bergstr. 17, D-38446

Wolfsburg, Germany

Find rules at: <http://www.grpcc.de/contestrules/hotr.html>

Run for the Bacon QRP Contest

02:00 - 04:00 UTC 21 November

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per

QSO with member on same continent; 5 points per QSO with

member on different continent

Multipliers: Each state, province or country once; Multiply

mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 27 November 2016

E-mail logs to: (none)

Upload log at: <http://grpcontest.com/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://grpcontest.com/pigrun/>

NCCC RTTY Sprint, 01:45 - 02:15 UTC 25 November

NCCC Sprint, 02:30 - 03:00 UTC 25 November

CQ Worldwide DX CW Contest, 00:00 UTC 26 November to

24:00 UTC 27 November

HF Happenings

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter